

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	"761512".ap.	US-PGPUB; USPAT	OR	ON	2006/09/12 07:43
S2	274	(725/80).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:39
S3	324	(725/133).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:32
S4	365	(725/142).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:33
S5	186	(725/104).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:33
S6	386	(725/31).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 14:55
S7	924	(348/552).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:51
S8	97	(348/474).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:51
S9	543	(725/78,80,71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:53
S10	284	(725/78).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 12:26
S11	50	(725/71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:52
S12	491	(725/139).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:52
S13	0	("9and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/12 12:30
S14	0	("9and(masterormainorprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/12 12:29
S15	0	("9and(master)and(slave)and(terminalbox)").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/12 12:29
S16	402	9and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 14:43
S17	10	(US-20040257470-\$ or US-20060161956-\$ or US-20060041912-\$ or US-20050264395-\$ or US-20050257238-\$ or US-20030221195-\$ or US-20030028886-\$ or US-20020035729-\$).did. or (US-6996837-\$ or US-6622307-\$). did.	US-PGPUB; USPAT	OR	ON	2006/09/12 12:31

## EAST Search History

S18	6	S17 and terminal	US-PGPUB; USPAT	OR	ON	2006/09/12 12:32
S19	1	S17 and terminal and master and encrypt\$4	US-PGPUB; USPAT	OR	ON	2006/09/12 14:42
S20	0	L2-8and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 14:44
S21	10	L2and L8and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 14:50
S22	0	(S3 S9)and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 14:47
S23	2	S4 and S5	US-PGPUB; USPAT	OR	ON	2006/09/12 14:48
S24	0	S4 and S5 and S6 and S7 and S8 and S21	US-PGPUB; USPAT	OR	ON	2006/09/12 14:49
S25	10	L2and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 14:51
S26	3	L3and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 14:51
S27	3	L4and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 14:53
S28	3	L5and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 14:54
S29	0	("I5and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/12 14:58
S30	3	I5and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 15:00
S31	3	L5and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)	US-PGPUB; USPAT	OR	ON	2006/09/12 16:32
S32	386	S6	US-PGPUB; USPAT	OR	ON	2006/09/12 15:01
S33	178	S6 and terminal	US-PGPUB; USPAT	OR	ON	2006/09/12 15:01
S34	12425	("725").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 15:02

## EAST Search History

S35	543	(725/78,80,71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/12 15:02
S36	371	S35 and (terminal box)and digital	US-PGPUB; USPAT	OR	ON	2006/09/12 15:03
S37	141	S35 and (terminal box)and digital and (protect\$3 encrypt\$3) and data	US-PGPUB; USPAT	OR	ON	2006/09/12 15:15
S38	45	S37 and master	US-PGPUB; USPAT	OR	ON	2006/09/12 15:05
S39	2635	S34 and (terminal box)and digital and (protect\$3 encrypt\$3) and data	US-PGPUB; USPAT	OR	ON	2006/09/12 15:16
S40	6006	S34 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and access\$2	US-PGPUB; USPAT	OR	ON	2006/09/12 15:17
S41	283	S35 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and access\$2	US-PGPUB; USPAT	OR	ON	2006/09/12 15:28
S42	283	S35 and (terminal box STB )and digital and (protect\$3 encrypt\$3 control key ECM EMM) and data and access\$2	US-PGPUB; USPAT	OR	ON	2006/09/12 15:21
S43	6012	S34 and (terminal box STB )and digital and (protect\$3 encrypt\$3 control key ECM EMM) and data and access\$2	US-PGPUB; USPAT	OR	ON	2006/09/12 15:21
S45	261	S35 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and (access\$2 authentic\$5)and time	US-PGPUB; USPAT	OR	ON	2006/09/12 15:30
S46	196	S45 and respon\$3	US-PGPUB; USPAT	OR	ON	2006/09/12 16:00
S47	0	S6 and(master main principal first)and(slave second\$3)and(terminal box STB)	US-PGPUB; USPAT	ADJ	ON	2006/09/12 16:33
S48	242	S6 and(master main principal first)and(slave second\$3)and(terminal box STB)	US-PGPUB; USPAT	OR	ON	2006/09/12 16:37
S49	0	wo-200004178-\$.did	DERWENT	OR	ON	2006/09/12 16:41
S51	1	WO-200004178-\$.did.	DERWENT	OR	ON	2006/09/12 16:43
S52	1	WO-200004718-\$.did.	DERWENT	OR	ON	2006/09/15 09:39
S53	543	(725/78,80,71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/13 08:41
S54	261	S53 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and (access\$2 authentic\$5)and time	US-PGPUB; USPAT	OR	ON	2006/09/13 08:41

## EAST Search History

S55	1	("4633309,")PN.	US-PGPUB; USPAT	OR	OFF	2006/09/13 09:19
S56	1	("4633309")PN.	US-PGPUB; USPAT	OR	OFF	2006/09/13 09:20
S57	275	(725/80).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 07:33
S58	324	(725/133).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 07:33
S59	365	(725/142).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 07:33
S60	186	(725/104).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 07:33
S61	924	(348/552).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 07:33
S62	97	(348/474).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 07:33
S63	543	(725/78,80,71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 07:33
S64	2285	S57 S58 S59 S60 S61 S62 S63.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 07:33
S65	85	S64 and (master and slave) and time	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 08:14
S66	48	S64 and (master and slave) and time same respon\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 08:23
S67	81	S64 and (master and slave) and time and respon\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 16:20
S68	275	(725/80).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 16:20
S69	324	(725/133).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 16:20
S70	365	(725/142).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 16:20
S71	186	(725/104).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 16:20
S72	924	(348/552).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 16:20
S73	97	(348/474).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 16:20
S74	543	(725/78,80,71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/14 16:20

## EAST Search History

S75	2285	S68 S69 S70 S71 S72 S73 S74	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 16:47
S76	0	S75 and (master and slave) and time and respon\$4	DERWENT	OR	ON	2006/09/14 16:21
S77	426	(master and slave) and time and respon\$4	DERWENT	OR	ON	2006/09/14 16:26
S78	1	(master and slave) and time and respon\$4 and set adj top adj box	DERWENT	OR	ON	2006/09/14 16:26
S79	0	(master and slave) near box and time and respon\$4	DERWENT	OR	ON	2006/09/14 16:27
S80	0	master and slave near box and time and respon\$4	DERWENT	OR	ON	2006/09/14 16:27
S81	1	master and slave and box and time and respon\$4	DERWENT	OR	ON	2006/09/14 16:31
S82	12	S77 and broadcast	DERWENT	OR	ON	2006/09/14 16:45
S83	12	authentich\$5 and (STB set-top-box terminal) and master and slave	DERWENT	OR	ON	2006/09/14 16:33
S84	0	S77 and broadcast	US-PGPUB; USPAT	OR	ON	2006/09/14 16:45
S85	0	S77	US-PGPUB; USPAT	OR	ON	2006/09/14 16:46
S86	0	S77	US-PGPUB; USPAT	OR	ON	2006/09/14 16:46
S87	0	S77	US-PGPUB; USPAT	OR	ON	2006/09/14 16:46
S88	2285	S75	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 16:47
S89	0	S88 and master and slave and (wait\$4 respon\$4) and time and deadline	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/15 14:04
S90	0	S75 and master and slave and (wait\$4 respon\$4) and time and deadline	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 16:49
S91	275	(725/80).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 07:35
S92	324	(725/133).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 07:35
S93	365	(725/142).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 07:35
S94	186	(725/104).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 07:35
S95	924	(348/552).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 07:35

## EAST Search History

S96	97	(348/474).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 07:35
S97	543	(725/78,80,71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 07:35
S98	2285	S91 S92 S93 S94 S95 S96 S97	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/15 07:35
S99	2285	S98	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/15 07:35
S10 0	302	S99 and ((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3) and time)	US-PGPUB; USPAT	OR	ON	2006/09/15 07:37
S10 1	22	S99 and ((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3) near time)	US-PGPUB; USPAT	OR	ON	2006/09/15 08:28
S10 2	24	S99 and ((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3 communicat\$4) near time)	US-PGPUB; USPAT	OR	ON	2006/09/15 08:29
S10 3	2	(S99 and ((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3 communicat\$4) near time))not S101	US-PGPUB; USPAT	OR	ON	2006/09/15 08:31
S10 4	987	(((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3 communicat\$4) near time)	EPO; DERWENT	OR	ON	2006/09/15 08:34
S10 5	132	(((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3 communicat\$4) near time)and ((set adj3 box)terminal decoder STB)	EPO; DERWENT	OR	ON	2006/09/15 09:06
S10 6	0	S98 and secur\$4 and ((avoid\$3 detect\$4 notic\$4)near (extra add\$3)near (delay\$3 time))	US-PGPUB; USPAT	OR	ON	2006/09/15 14:05
S10 7	0	S98 and ((avoid\$3 detect\$4 notic\$4)near (extra add\$3)near (delay\$3 time))	US-PGPUB; USPAT	OR	ON	2006/09/15 09:11
S10 8	20	S98 and secur\$3 and (avoid\$3 detect\$4 notic\$4) and ((extra add\$3)near (delay\$3 time))	US-PGPUB; USPAT	OR	ON	2006/09/15 09:12
S10 9	0	WO-199735430-\$.did.	DERWENT	OR	ON	2006/09/15 09:40

## EAST Search History

S11 0	0	WO-199735430-\$.did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/15 09:40
S11 1	0	WO-1997338530-\$.did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/15 09:58
S11 2	0	"5509073,5461675,5748732"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/15 09:59
S11 3	0	("5509073,5461675,5748732").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/15 09:59
S11 4	0	("5509073,5461675,5748732").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/15 10:00
S11 5	3	((("5509073") or ("5461675") or ("5748732"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/15 10:00
S11 6	11	(US-20050155069-\$ or US-20050264395-\$ or US-20030221195-\$ or US-20050257238-\$ or US-20030028886-\$).did. or (US-6442525-\$ or US-6996837-\$ or US-6588017-\$ or US-4633309-\$). did. or (WO-200004718-\$ or JP-2004247857-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/15 13:23
S11 7	0	S116 and ((predetermin\$3 calculat\$2 given)near (request\$4 transfer\$3 respon\$4)) and (time deadline)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/15 13:29
S11 8	12433	("725").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/09/15 13:30
S11 9	0	S118 and (secur\$3 near communitat\$5 near ((set adj2 box\$2) STB decoder IDR IRD))	US-PGPUB; USPAT	OR	ON	2006/09/15 13:42
S12 0	253	S118 and (secur\$3 near (transmi\$5 communicat\$4 transf\$3 talk\$3)) and (terminal (set adj box)decoder)	US-PGPUB; USPAT	OR	ON	2006/09/15 13:46
S12 1	343	S118 and (secur\$3 near (transmi\$5 communicat\$4 transf\$3 talk\$3)) and (terminal (set adj box)decoder device)	US-PGPUB; USPAT	OR	ON	2006/09/15 13:46
S12 2	4	S99 and master and slave and (wait\$4 respon\$4) and time and deadline	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/15 14:04

## EAST Search History

S12 3	8	S98 and secur\$4 and ((avoid\$3 detect\$4 notic\$4)near (extra external add\$3)near (delay\$3 time) deadline)	US-PGPUB; USPAT	OR	ON	2006/09/15 14:07
S12 4	1	("6904522").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/18 14:07
S12 5	543	(725/78,80,71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/19 07:50
S12 6	286	S125 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and (access\$2 authentic\$5)	US-PGPUB; USPAT	OR	ON	2006/09/19 07:50
S12 7	0	("2006/0168634").URPN.	USPAT	OR	ON	2006/09/19 08:04
S12 8	12448	("725").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/09/19 08:05
S12 9	135	S128 and countdown	US-PGPUB; USPAT	OR	ON	2006/09/19 08:58
S13 0	109	S128 and countdown and respon\$3	US-PGPUB; USPAT	OR	ON	2006/09/19 09:26
S13 1	0	S128 and countdown near respon\$3	US-PGPUB; USPAT	OR	ON	2006/09/19 08:59
S13 2	98	S128 and countdown and respon\$3 and communicat\$4	US-PGPUB; USPAT	OR	ON	2006/09/19 09:26
S13 3	62	S128 and countdown and respon\$3 and communicat\$4 and devices	US-PGPUB; USPAT	OR	ON	2006/09/19 09:28
S13 4	19	S128 and countdown and respon\$3 and communicat\$4 near devices	US-PGPUB; USPAT	OR	ON	2006/09/19 09:51
S13 5	1239	S128 and access\$4 and ((countdown time)near (respon\$3 request wait\$3))	US-PGPUB; USPAT	OR	ON	2006/09/19 09:54
S13 6	1114	S128 and access\$4 and ((countdown time)near (respon\$3 request wait\$3))and device	US-PGPUB; USPAT	OR	ON	2006/09/19 09:56
S13 7	45060	S128 and access\$4 and ((countdown time)near (respon\$3 request wait\$3))and device and master slave	US-PGPUB; USPAT	OR	ON	2006/09/19 09:57
S13 8	62	S128 and access\$4 and ((countdown time)near (respon\$3 request wait\$3))and device and master and slave	US-PGPUB; USPAT	OR	ON	2006/09/19 09:57
S13 9	1	("7092729").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:11
S14 0	2	((("6393281") or ("6011511")).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:25



## EAST Search History

S14 1	1	("4633309").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:25
S14 2	2	((("4633309") or ("5748732"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:29
S14 3	0	jp-020021983-\$-did.	DERWENT	OR	ON	2006/09/19 11:33
S14 4	0	jp-02001983-\$-did.	DERWENT	OR	ON	2006/09/19 11:33
S14 5	1	jp-02001983-\$-did.	DERWENT	OR	ON	2006/09/19 11:33
S14 6	7	("4167738"   "4796032"   "5376941"   "5424750"   "5519405"   "5587717"   "5797083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:49
S14 7	8	("4419766"   "5029196"   "5170485"   "5212804"   "5249303"   "5267261"   "5323446"   "5392331").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:50
S14 8	8	("4419766"   "5029196"   "5170485"   "5212804"   "5249303"   "5267261"   "5323446"   "5392331").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:50
S14 9	0	("2005/0071866").URPN.	USPAT	OR	ON	2006/09/19 15:51
S15 0	0	("2005/0071866").URPN.	USPAT	OR	ON	2006/09/19 15:51
S15 1	0	("2005/0071866").URPN.	USPAT	OR	ON	2006/09/19 15:51
S15 2	14	("6035037").URPN.	USPAT	OR	ON	2006/09/19 16:28
S15 3	0	(348/10).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 07:59
S15 4	924	(348/552).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 08:22
S15 5	275	(725/80).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 08:22
S15 6	325	(725/133).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 08:22
S15 7	365	(725/142).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 08:22
S15 8	186	(725/104).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 08:22
S15 9	924	(348/552).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 08:22
S16 0	97	(348/474).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 08:22

## EAST Search History

S16 1	543	(725/78,80,71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 08:22
S16 2	2286	S155 S156 S157 S158 S159 S160 S161	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 08:23
S16 3	2286	S162 725/211.3.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/20 08:23
S16 4	0	725/211.3.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/20 08:23
S16 5	2389	S162 348/211.3.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 08:24
S16 6	176	S165 and ((prevent\$4 avoid\$3)near6 (delay\$3 time))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 08:35
S16 7	2407	S165 725/141 and ((prevent\$4 avoid\$3)near6 (delay\$3 time))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 11:35
S16 8	194	(S165 725/141) and ((prevent\$4 avoid\$3)near6 (delay\$3 time))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 11:35
S16 9	185	(S165 725/141.ccls.) and ((prevent\$4 avoid\$3)near6 (delay\$3 time))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 11:39
S17 0	185	(S165 725/141.ccls.) and (((prevent\$4 avoid\$3)near6 (delay\$3 time)) or (preterm\$4 near4 time))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 13:18
S17 1	0	("2003/0028886").URPN.	USPAT	OR	ON	2006/09/20 13:10
S17 2	83	(S165 725/141.ccls.) and ((count\$5 (respons\$3 near3 time))near3 (request\$3 broadcast\$3 send\$4 sent))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 13:27
S17 3	1	(S165 725/141.ccls.) and ((count\$5 (respons\$3 near3 time))near3 ((start\$3 begin) near3 (request\$3 broadcast\$3 send\$4 sent)))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 13:31
S17 4	4	S172 and ((start\$3 begin\$4)near6(moment instant))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 13:46
S17 5	23	S165 and((start\$3 begin\$4)near6(moment instant))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 13:46
S17 6	0	S165 and((start\$3 begin\$4)near6(moment instant))near6(count\$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 13:48

## EAST Search History

S17 7	23	S165 and((start\$3 begin\$4)near6(moment instant))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/20 13:49
S17 8	21	S165 and communicat\$4 and (after near3 respon\$3) and predetermined	US-PGPUB; USPAT	OR	ON	2006/09/20 14:13
S17 9	0	S165 and (stop\$3 near6 communicat\$4) and (after near3 respon\$3) and predetermined	US-PGPUB; USPAT	OR	ON	2006/09/20 14:14
S18 0	4	S165 and (no near6 communicat\$4) and (after near3 respon\$3) and predetermined	US-PGPUB; USPAT	OR	ON	2006/09/20 14:23
S18 1	87	S165 and transmit\$3 near7 ((predeterm\$5 given assign\$3) near5 time)	US-PGPUB; USPAT	OR	ON	2006/09/20 15:29
S18 2	13	S165 and transmit\$3 near7 ((predeterm\$5 given assign\$3) near5 time) and (slave near6 request inquir\$3)	US-PGPUB; USPAT	OR	ON	2006/09/20 15:31
S18 3	0	S165 and transmit\$3 near7 ((predeterm\$5 given assign\$3) near5 time) and (slave near6 (request inquir\$3))	US-PGPUB; USPAT	OR	ON	2006/09/20 15:31
S18 4	3154	((713/156,168,171,175) or (380/232,239)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/25 07:33
S18 5	729	(713/156).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 07:59
S18 7	617	(713/171).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 07:59
S18 8	355	(713/175).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 07:59
S18 9	87	(380/232).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 07:59
S19 0	278	(380/239).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 08:01
S19 1	0	("1and(countdown((respon\$4reques t\$3)near7time))andencrypt\$4andtra nsf\$3").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/21 10:13
S19 2	12	S184 and(countdown((respon\$4request\$ 3)near7time))and encrypt\$4 and transf\$3	US-PGPUB; USPAT	OR	ON	2006/09/21 10:32
S19 3	15	S184 and(countdown((respon\$4request\$ 3)near7time))and encrypt\$4 and device	US-PGPUB; USPAT	OR	ON	2006/09/21 10:33

## EAST Search History

S19 4	2	S184 and(countdown((respon\$4request\$ 3)near7time))and encrypt\$4 and (device near (master slave))	US-PGPUB; USPAT	OR	ON	2006/09/21 13:42
S19 5	729	(713/156).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 14:50
S19 6	6	"158592".ap.	US-PGPUB; USPAT	OR	ON	2006/09/21 14:23
S19 7	75	S195 and broadcast\$3 and time and devices	US-PGPUB; USPAT	OR	ON	2006/09/21 16:15
S19 8	18	S195 and broadcast\$3 and (countdown (respon\$3 near6 time)) and devices	US-PGPUB; USPAT	OR	ON	2006/09/21 16:22
S19 9	10	S195 and broadcast\$3 and (countdown (respon\$3 near6 time)) and device and master	US-PGPUB; USPAT	OR	ON	2006/09/21 16:24
S20 0	19	S195 and broadcast\$3 and (countdown (respon\$3 near6 time))	US-PGPUB; USPAT	OR	ON	2006/09/21 16:30
S20 1	0	S195 and((countdown (respon\$3 near6 time))near6 prevent\$3)	US-PGPUB; USPAT	OR	ON	2006/09/21 16:32
S20 2	50	S195 and(countdown (respon\$3 near6 time))and prevent\$3	US-PGPUB; USPAT	OR	ON	2006/09/21 16:40
S20 3	68	S195 and(countdown (respon\$3 near6 time))and (prevent\$3 near\$8 ((add\$3 delay) and time))	US-PGPUB; USPAT	OR	ON	2006/09/25 09:03
S20 4	1	("6393281").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 09:13
S20 5	1	("6011511").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 09:13
S20 6	1464	(713/168).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/25 09:47
S20 8	231	S206 and master	US-PGPUB; USPAT	OR	ON	2006/09/25 09:45
S20 9	5	S206 and master and countdown	US-PGPUB; USPAT	OR	ON	2006/09/25 09:45
S21 0	0	("25and(timenear8respon\$5)").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 09:48
S21 1	234	S206 and (time near8 respon\$5)	US-PGPUB; USPAT	OR	ON	2006/09/25 11:03
S21 2	57	S206 and (time near8 respon\$5)and master	US-PGPUB; USPAT	OR	ON	2006/09/25 09:49
S21 3	1	("6931131").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 11:04
S21 4	1	("0265503").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 11:04

## EAST Search History

S21 5	1	("20050265503").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 09:23
S21 6	27244	("713").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 09:24
S21 7	2	S216 and DTCP and master and slave	US-PGPUB; USPAT	OR	ON	2006/09/26 09:26
S21 8	10	S216 and DTCP and master and link	US-PGPUB; USPAT	OR	ON	2006/09/26 09:51
S21 9	36	S216 and DTCP and device and link\$3	US-PGPUB; USPAT	OR	ON	2006/09/26 09:51
S22 0	113	S216 AND CIRCUMVENTION	US-PGPUB; USPAT	OR	ON	2006/09/26 11:37
S22 1	105	S216 AND CIRCUMVENTION AND TIME	US-PGPUB; USPAT	OR	ON	2006/09/26 11:55
S22 2	277	(725/80).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 11:59
S22 3	325	(725/133).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 11:59
S22 4	366	(725/142).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 11:59
S22 5	186	(725/104).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 11:59
S22 6	925	(348/552).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 11:59
S22 7	97	(348/474).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 11:59
S22 8	545	(725/78,80,71).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 11:59
S22 9	2290	S222 S223 S224 S225 S226 S227 S228	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/26 11:59
S23 0	87	(380/232).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 11:59
S23 1	279	(380/239).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 11:59
S23 2	0	(S216 and S230 and S231 and S229) AND CIRCUMVENTION AND TIME	US-PGPUB; USPAT	OR	ON	2006/09/26 11:59
S23 3	109	(S216 S230 S231 S229) AND CIRCUMVENTION AND TIME	US-PGPUB; USPAT	OR	ON	2006/09/26 14:27
S23 4	5079	(S216 S230 S231 S229) AND master AND TIME	US-PGPUB; USPAT	OR	ON	2006/09/26 14:28
S23 5	323	(S216 S230 S231 S229) AND master AND (TIME near9 respon\$5) and authenti\$5	US-PGPUB; USPAT	OR	ON	2006/09/26 14:29

## EAST Search History

S23 6	1	("6931131").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/27 08:50
S23 7	10	("4114147"   "4916443"   "5618232"   "5711588"   "5871398"   "5999808"   "6104815"   "6175307"   "6272638"   "6507852").PN. OR ("6931131"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 08:52
S23 8	1	("6904522").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/28 08:34
S23 9	1	("20040098583").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/28 17:00
S24 0	1	("6904522").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/28 17:01
S24 1	0	("761512.ap.").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/02 13:26
S24 2	6	"761512".ap.	US-PGPUB; USPAT	OR	ON	2006/10/02 13:26
S24 3	2	((("6393281") or ("6011511")).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/12 07:49
S24 4	1	jp-58017706-\$.did.	DERWENT	OR	ON	2006/10/12 07:52